

ABSTRACT

A method and system for receiving time spaced signals transmitted in accordance with a time layout is provided. The time spaced signals may be pulses or bursts. The time spaced signals convey at least one intelligence signal. The time spaced signals are received at an antenna. Once received, the time spaced signals may be coherently detected. Coherent detection may be accomplished by correlating the received signals with a template signal. The detection process can also include integration of the received signals. The coherently detected signals are then contributed to a plurality of intermediate signals based on an interleaving order, which may be predetermined or specified by an interleaving code. Each of the plurality of intermediate signals can then be separately integrated, for example, to produce bits of data. The bits of data are ordered to produce the at least one intelligence signal based on a bit order, which may be predetermined or specified by a bit ordering code.